

ABSTRACT OF THE DISCLOSURE

An antenna system operative with a communications device for receiving a radio frequency signal, wherein the communications device produces a first control signal representing a frequency of a received signal. The antenna system comprises an antenna structure for receiving the radio frequency signal, the antenna structure comprising tunable elements for controlling a resonant frequency of the antenna structure; a decoder responsive to the first control signal for producing a second control signal and a switch matrix responsive to the second control signal for configuring one or more of the tunable elements to control the resonant frequency responsive to the frequency of the received signal.